IN THE SPECIFICATION

Please amend the specification paragraph at page 4, lines 23-31 as follows:

Figure 1: As can be observed in color photographs, MARY-X turns the overlying murine skin bright red (A). MARY-X consists grossly of a confluence of white nodules (B) which correspond to distended lymphovascular channels filled with tumor emboli (C). These vascular channels represent lymphatics and blood vessels and demonstrate von Willebrand factor immunoreactivity as depicted by circumferential brown staining in color photographs. Higher magnification of MARY-X depicts lymphovascular invasion (D). Interestingly MARY-X exhibits only the step of intravasation in both the primary tumor as well as in pulmonary metastases (E) but the pulmonary emboli do not extravasate and establish true pulmonary metastases even after prolonged time periods.

Please amend the specification paragraph at page 5, lines 17-25 as follows:

Figure 3: MARY-X was p53 positive (A), ER negative (B), PR negative, EGFR positive (C), and HER-2/neu negative. MARY-X's primary tumor of origin however showed Her-2/neu amplification by immunocytochemistry (D) and FISH (E) in a significant fraction of its cells. ~~With~~ In color photographs of this FISH data, strong yellow-orange fluorescence (fluorophore SpectrumOrange™) is depicted in the cell population at the lower portion of the slide (E). Cell population at the upper portion shows unamplified Her-2/neu. A chromosome 17-specific centromeric α-satellite probe (D17Z1) revealed normal ploidy in all of these areas. FISH reveals that MARY-X has completely lost the Her-2/neu amplified population (F).